

Converting Colors

YUV(69.2720, -25.7701,
52.3815)

Have a look what the booklet for
YUV(69.2720, -25.7701, 52.3815)
contains.

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Color

**YUV(69.2720, -25.7701,
52.3815)**

Conversions

Conversions Part 1

Format	Color
Hex	813111
RGB	129, 49, 17
RGB Percent	51%, 19%, 7%
CMY	0.4941, 0.8078, 0.9333
CMYK	0.00, 0.62, 0.87, 0.49
HSL	17°, 77%, 29%
HSV	17°, 87%, 51%
XYZ	10.2528, 6.9042, 1.3226
YIQ	69.2720, 57.9520, 7.0080

Conversions

Conversions Part 2

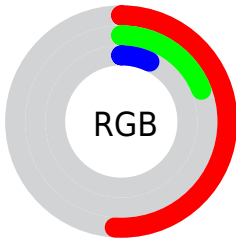
Format	Color
R_{YB}	129, 62, 17
Decimal	8466705
CIE _{Lab}	31.59, 32.89, 36.07
CIE _{LCh}	32, 48.820, 47.639
Yxy	6.9042, 0.5548, 0.3736
Android (android.graphics.Color)	4286656785 (0xFF813111)
YUV	69.2720, -25.7701, 52.3815
Hunter-Lab	26.2759, 23.6672, 15.4088

Details

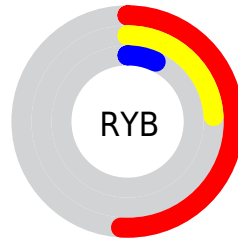
The YUV color **69.2720, -25.7701, 52.3815** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **76.7280, 25.7701, -52.3815**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.9200, -28.5546, 58.8292**, and **21.5280, -10.6133, 44.2639** is the 20% darker color. If you saturate the color by 10%, you get **62.5070, -28.8440, 58.3144**, and if you desaturate by 10%, it is **76.0370, -22.6962, 46.4486**.

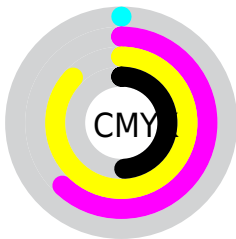
Distribution



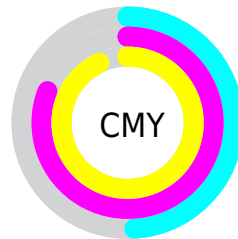
- Red (51%)
- Green (19%)
- Blue (7%)



- Red (51%)
- Yellow (24%)
- Blue (7%)



- Cyan (0%)
- Magenta (62%)
- Yellow (87%)
- Black (49%)





- Cyan (49%)
- Magenta (81%)
- Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 69.2720, -25.7701, 52.3815 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 69.2720, -25.7701, 52.3815 by changing the saturation by 10% instead.


 69.2720, -25.7701,
52.3815

 69.2720, -25.7701,
52.3815


 254.0880, -3.4944,
0.7998


 44.2870, -21.8335,
49.7373

 120.9200,
-28.5546, 58.8292


 21.5280, -10.6133,
44.2639


 147.7740,
-30.4546, 61.5882

 14.1670, -6.4913,
28.7945

 174.8560,
-31.4810, 64.1473

 0.0000, 0.0000,
0.0000

 196.3490,
-29.2591, 51.4369

 215.2760,
-25.2791, 34.8379

 235.3770,

-21.8779, 17.2094

■ 250.8960,
-15.7247, 3.5992

■ 69.2720, -25.7701,
52.3815

■ 69.2720, -25.7701,
52.3815

■ 62.5070, -28.8440,
58.3144

■ 76.0370, -22.6962,
46.4486

■ 60.2900, -29.7230,
60.2587

■ 82.8020, -19.6224,
40.5156

■ 90.1540, -16.8379,
34.0679

■ 96.9190, -13.7641,
28.1350

■ 103.6840,
-10.6902, 22.2021

■ 110.3350, -8.0532,
16.3692

■ 117.6870, -5.2687,
9.9215

■ 124.4520, -2.1948,
3.9886

■ 131.2170, 0.8790,
-1.9443

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.5120, -6.1684, 65.3260



69.2720, -25.7701, 52.3815



70.4250, -34.7195, 29.4453

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2720, -25.7701, 52.3815



59.3280, -1.1477, -52.0307



66.9210, 39.9719, -34.1337

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.2720, -25.7701, 52.3815



76.7280, 25.7701, -52.3815

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8210, 41.5002, -57.7250



69.2720, -25.7701, 52.3815



64.4750, 16.0348, -56.5446

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2720, -25.7701, 52.3815



57.3780, -20.3994, -37.1655



67.7640, 31.1753, -59.4290



75.6850, 24.8053, 23.9553

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.2720, -25.7701, 52.3815



69.1300, -34.0811, 11.2870



67.7640, 31.1753, -59.4290



61.8260, 43.9628, -54.2214

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.2720, -25.7701, 52.3815



144.9010, -9.8112, 20.2578



59.6080, 18.4343, 60.8568



70.4700, -6.1477, 11.8658



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2720, -25.7701, 52.3815



78.4080, -38.6551, 78.5722



102.1440, -41.9760, 23.5527



60.2670, -1.6106, 3.2738



59.4040, -29.2862, 60.1587



0.0000, 0.0000, 0.0000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



76.7280, 25.7701, -52.3815



89.5920, 38.6551, -78.5722



43.8560, 41.9760, -23.5527



60.7330, 1.6106, -3.2738



68.0090, 29.5756, -59.6439



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 69.2720, -25.7701, 52.3815 looks on a white background.

Color Contrast Check

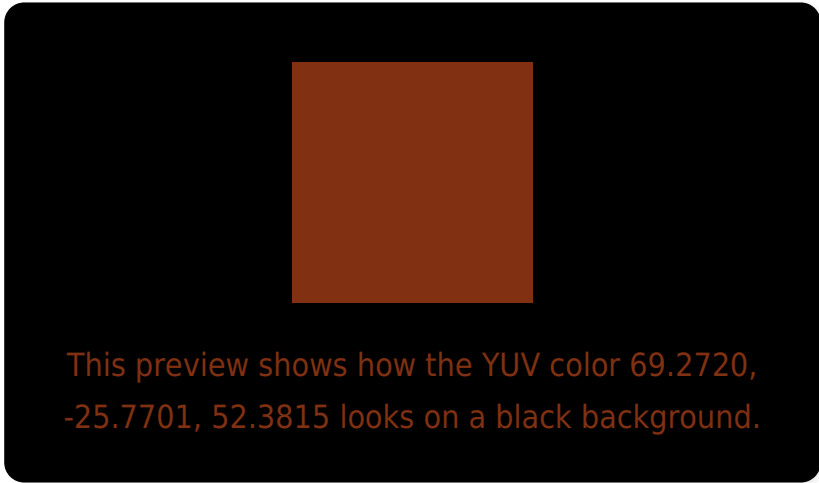
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

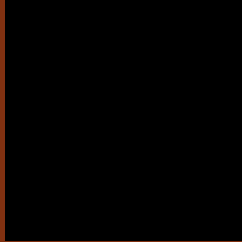
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.2720, -25.7701, 52.3815

Background



This preview shows how black text looks on a background with the YUV color 69.2720, -25.7701, 52.3815.



This preview shows how white text looks on a background with the YUV color 69.2720, -25.7701,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.2720, -25.7701, 52.3815

Protanopia

72.4640, -23.8928, 10.1171

Deuteranopia

70.0820, -34.5504, 21.8531



Tritanopia

71.4580, -11.0718, 51.3413

Trichromacy



Original Color

69.2720, -25.7701, 52.3815

Protanomaly

71.0360, -24.6677, 25.4014

Deuteranomaly

69.6580, -31.3834, 32.7489

Tritanomaly

70.6770, -16.6028, 52.0263

Monochromacy



Original Color

69.2720, -25.7701, 52.3815

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.3030, -9.5164, 19.0283

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2720, -25.7701, 52.3815 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(129, 49, 17)` looks like.

```
.text, #text, p{  
    color:rgb(129, 49, 17)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(129, 49, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 49, 17) }
```

Border

The CSS property to change the border of an element to YUV 69.2720, -25.7701, 52.3815 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(129, 49, 17) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(129, 49, 17) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(129, 49, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 49, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 49, 17);  
box-shadow:4px 4px 4px 4px rgb(129, 49,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 69.2720, -25.7701, 52.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 49, 17) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(129, 49,  
17) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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